

OPINION 1825

Poecilonota Eschscholtz, 1829, *Palmar* Schaefer, 1949 and *Scintillatrix* Obenberger, 1956 (Insecta, Coleoptera): conserved by the designation of *Buprestis variolosa* Paykull, [1799] as the type species of *Poecilonota* and *B. rutilans* Fabricius, [1777] as the type species of *Scintillatrix*

Keywords. Nomenclature; taxonomy; Coleoptera; jewel beetles; *Palmar*; *Poecilonota*; *Scintillatrix*.

Ruling

- (1) Under the plenary powers:
 - (a) all previous fixations of type species for the nominal genus *Poecilonota* Eschscholtz, 1829 are hereby set aside and *Buprestis variolosa* Paykull, [1799] is designated as the type species;
 - (b) all previous fixations of type species for the nominal genus *Scintillatrix* Obenberger, 1956 are hereby set aside and *Buprestis rutilans* Fabricius, [1777] is designated as the type species;
 - (c) the generic name *Dendrochariessa* Gistel, 1848 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Poecilonota* Eschscholtz, 1829 (gender: feminine), type species by designation under the plenary powers in (1)(a) above *Buprestis variolosa* Paykull, [1799];
 - (b) *Scintillatrix* Obenberger, 1956 (gender: feminine), type species by designation under the plenary powers in (1)(b) above *Buprestis rutilans* Fabricius, [1777];
 - (c) *Palmar* Schaefer, 1949 (gender: feminine), type species by original designation *Buprestis festiva* Linnaeus, 1767.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *variolosa* Paykull, [1799], as published in the binomen *Buprestis variolosa* (specific name of the type species of *Poecilonota* Eschscholtz, 1829);
 - (b) *rutilans* Fabricius, [1777], as published in the binomen *Buprestis rutilans* (specific name of the type species of *Scintillatrix* Obenberger, 1956);
 - (c) *festiva* Linnaeus, 1767, as published in the binomen *Buprestis festiva* (specific name of the type species of *Palmar* Schaefer, 1949).
- (4) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
 - (a) *Dendrochariessa* Gistel, 1848, as suppressed in (1)(c) above;
 - (b) *Descarpentriesina* Leraut, 1983 (a junior objective synonym of *Poecilonota* Eschscholtz, 1829);
 - (c) *Lampra* Dejean, 1833 (a junior homonym of *Lampra* Hübner, 1821).

History of Case 2837/1

An application for the conservation of the generic names *Pocillonota* Eschscholtz, 1829, *Palmar* Schaefer, 1949 and *Scintillatrix* Obenberger, 1956 by the designation of *Buprestis variolosa* Paykull, [1799] as the type species of *Pocillonota* and *B. rutilans* Fabricius, [1777] as the type species of *Scintillatrix* was received from Herr Hans Mühle (Munich, Germany) on 27 November 1991. After correspondence the case was published in BZN 50: 27–30 (March 1993). Notice of the case was sent to appropriate journals.

Comments in support were received from Dr C.L. Bellamy (*Transvaal Museum, Pretoria, South Africa*, published in BZN 50: 56, March 1993); Dr Richard L. Westcott (*Oregon Department of Agriculture, Salem, Oregon, U.S.A.*, published in BZN 50: 232, September 1993); and Dr G.H. Nelson (*College of Osteopathic Medicine of the Pacific, Pomona, California, U.S.A.*, published in BZN 51: 45, March 1994).

The application sought to place the generic name *Palmar* Schaefer, 1949, among others, on the Official List. It was noted on the voting paper that, as cited in para. 5, the name was established for a subgenus of *Lampra* Dejean, 1833 and *Buprestis festiva* Linnaeus, 1767 was designated as the type species. However, Casey (1909) had designated the same species as the type of *Lampra*. *B. festiva* was therefore the type species of the nominotypical subgenus of *Lampra* (Articles 43a and 61b of the Code), rendering *Palmar* a junior objective synonym of *Lampra*. Commission approval of the designation of *B. rutilans* Fabricius, [1777] as the type species of *Scintillatrix* Obenberger, 1956, a replacement name for the preoccupied *Lampra* Dejean, would allow the accustomed usage of *Palmar* to continue, with *B. festiva* as the type species (Articles 67h and 72e of the Code).

Decision of the Commission

On 1 September 1995 the members of the Commission were invited to vote on the proposals published in BZN 50: 29. At the close of the voting period on 1 December 1995 the votes were as follows:

Affirmative votes — 23: Bayer, Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Holthuis, Kabata, Kraus, Lehtinen (part), Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Savage, Schuster, Starobogatov, Trjapitzin

Negative votes — 2: Bouchet and Stys.

No votes were received from Ride and Uéno.

Voting for, Martins de Souza commented: 'As noted in para. 7 of the application, Leraut's (1983) actions were 'in formal accord with the Code'. However, comments from buprestid workers indicate that great confusion would result if his proposals were adopted. I therefore vote in favour but with some reservations'. Voting against, Bouchet commented: 'The Commission is requested to validate numerous breaches against the Code. However, usage has not been clearly demonstrated and the references cited are insufficient to convince me that stability of nomenclature will be seriously threatened by a strict application of the Code. The abstract of the application refers to the economic importance of *Scintillatrix rutilans* but this aspect of the usage of the name has not been developed'. Stys commented: 'The complex nomenclatural situation concerns six generic names all of which have been correctly interpreted by Leraut (1983) who, unlike other buprestidologists, did not ignore the

valid fixations of type species by Westwood ([1838]) and Casey (1909). In my view the proposed pragmatic solution, maintaining incorrect usage and refuting the work of those who followed the Code, goes too far in this case. Long-term stability of nomenclature would be better served by a strict observance of the Code'. Lehtinen voted for proposals (1)(a), (2)(a), (3)(a), (4)(b) and (4)(c) of para. 8 on BZN 50: 29 but against the remaining proposals.

Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

Dendrochariessa Gistel, 1848, *Naturgeschichte des Thierreiches für höhere Schulen*, p. ix.

Descarpentriessina Leraut, 1983, *Entomologica Gallica*, 1(1): 6.

festiva, *Buprestis*, Linnaeus, 1767, *Systema Naturae*, Ed. 12, vol. 1, part 2, p. 663.

Lampra Dejean, 1833, *Catalogue des coléoptères de la collection de M. le Comte Dejean*, Ed. 2, part 1, p. 78.

Palmar Schaefer, 1949, *Miscellanea Entomologica*, Supplément: 167.

Poecilonota Eschscholtz, 1829, *Zoologischer Atlas, enthaltend abbildungen und Beschreibungen neuerer Thierarten, während des Flottcapitains von Kotzebue zweiter Reise um die Welt, auf der Russisch-Kaiserlichen Kriegsschiff Predpriaetië in den Jahren 1823–1826*, part 1, p. 9.

rutilans, *Buprestis*, Fabricius, [1777], *Genera insectorum ...*, p. 235.

Scintillatrix Obenberger, 1956, *Acta Entomologica Musei Nationalis Pragae*, 30: 41.

variolosa, *Buprestis*, Paykull, [1799], *Fauna Suecica. Insecta*, vol. 2, p. 219.

The following is the reference for the fixation of *Buprestis festiva* Linnaeus, 1767 as the type species of the nominal genus *Palmar* Schaefer, 1949:

Schaefer, L. 1949. *Miscellanea Entomologica*, Supplément: 167.